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ONE YEAR LIMITED WARRANTY PROGRAM

This limited warranty program is the only one that applies to this product, and it sets forth all the responsibilities of Vector Manufacturing, regarding this product. There is no other warranty, other than those described herein.

This Vector Manufacturing product is warranted, to the original purchaser only, to be free of defects in materials and workmanship for one year from the date of purchase without additional charge. The warranty does not extend to subsequent purchasers or users. Manufacturer will not be responsible for any amount of damage in excess of the retail purchase price of the product under any circumstances. Incidental and consequential damages are specifically excluded from coverage under this warranty.

This product is not intended for commercial use. This warranty does not apply to accessories or damage to units from misuse or incorrect installation/connection. Misuse includes wiring or connecting to improper polarity power sources.

RETURN/REPAIR POLICY: Defective products, other than accessories, may be returned to manufacturer. Any defective product, other than accessories, that is returned to manufacturer within 30 days of the date of purchase will be replaced free of charge. If such a product is returned more than 30 days but less than one year from the purchase date, manufacturer will repair the unit or, at its option, replace it free of charge.

If the unit is repaired, new or reconditioned replacement parts may be used, at manufacturer's option. A unit may be replaced with a new or reconditioned unit of the same or comparable design. The repaired or replaced unit will then be warranted under the terms of the remainder of the warranty period. The customer is responsible for the shipping charges on all returned items after 30 days. During the warranty period, manufacturer will be responsible for the return shipping charges.

LIMITATIONS: This warranty does not cover accessories, bulbs, fuses and batteries, defects resulting from normal wear and tear (including chips, scratches, abrasions, discoloration or fading due to usage or exposure to sunlight), accidents, damage during shipping to our service facility, alterations, unauthorized use or repair, neglect, misuse, abuse, failure to follow instructions for care and maintenance, fire, flood and Acts of God.

If your problem is not covered by this warranty, call our Technical Support Department at (954) 584-4446 or toll free at (866) 584-5504 for general repair information and charges if applicable. You may also contact us through our website at www.vectormfg.com.

STATE LAW RIGHTS: This warranty gives you specific legal rights. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the exclusions or limitations stated herein may not apply. This warranty gives the purchaser specific legal rights; other rights, which vary from state to state, may apply.

TO REQUEST WARRANTY SERVICE FOR THIS PRODUCT: Contact Technical Support by telephone, fax or mail (see below). We suggest that you keep the original packaging in case you need to ship the unit. When returning a product, include your name, address, phone number, dated sales receipt (or copy) and a description of the reason for return and product serial number. After repairing or replacing the unit, we will make every effort to return it to you within four weeks.

WARRANTY ACTIVATION: Please complete Warranty Activation Card and mail to Vector Manufacturing. Enter "VEC270SB" as Model and "Inflator/1,000,000 Power Series™ Spotlight" as Product Type. All Vector products must be registered within 30 days of purchase to activate this warranty. Mail the completed registration form, along with a copy of the original sales receipt to:

ATTN.: CUSTOMER SERVICE
4140 SW 30th Ave., Ft. Lauderdale, FL 33312
• TOLL FREE: (866) 584-5504 • FAX: (954) 584-5556 •

WARRANTY IS NON-TRANSFERABLE AND NON-REFUNDABLE

BD062105

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MADE IN CHINA

VEC270SB

VECTOR®
The Freedom of POWER

Inflator/Spotlight

1,000,000 Power Series™

12 Volt DC Power Supply
Cordless • Rechargeable

USER'S MANUAL & WARRANTY INFORMATION

IMPORTANT SAFETY INFORMATION, SAVE THESE INSTRUCTIONS

TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND THIS INSTRUCTIONAL MANUAL. THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING THE OPERATION AND WARRANTY OF THIS PRODUCT. PLEASE RETAIN FOR FUTURE REFERENCE.

4140 S.W. 30th Ave., Ft. Lauderdale, FL 33312
Toll Free: (866) 584-5504

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IMPORTANT SAFETY INSTRUCTIONS

WARNINGS

1. **There is a risk of explosive gases being released when lead acid batteries are being charged or discharged. Failure to follow instructions may cause property damage, explosive hazard, and/or personal injury.**
2. **Never look into or point the inflator/air compressor nozzle or the spotlight toward anyone's eyes.**
3. **Do not use the inflator/air compressor continuously for longer than 15 minutes. Extended use will cause it to overheat and can damage the unit. After 15 minutes of continuous inflator/air compressor use, turn the unit OFF and wait 15 minutes before resuming operation of the compressor.**
4. **DO NOT overinflate objects or exceed manufacturers' recommendations for pressure on objects to be inflated. Always monitor pressure using the pressure gauge. Bursting articles can cause serious injury. It is recommended to wear protective eyewear when inflating tires/inflatable items.**
5. **NEVER submerge this unit in water. When charging the unit near water, do not allow electrical cords to become moist, damp or wet — electrical shock could result.**
6. **Never cover unit at any time.**
7. **Never leave this unit unattended while operating.**

CAUTIONS

1. When using an extension cord (not supplied) for AC charging/recharging, make sure it has the same configuration as the plug of the unit and that the cord is properly wired and in good condition. The cord must be suitable for 120 volts AC and have a minimum 2 amp rating. It is recommended to use an outlet complete with a Ground Fault Interrupt (GFI) Switch.
2. Do not recharge for more than 5-6 hours maximum using the 12 volt DC method or more than 14-16 hours using the 120 volt AC method. Recharge unit after each use (using the recommended 120 volt AC method). Avoid charging the battery at temperatures below 40°F, (5°C) or above 105°F (40°C).
3. All ON/OFF switches should be in the OFF position when the unit is charging or not in use. Make sure all switches are in the OFF position before connection to a power source.
4. Never operate the inflator with the 120 Volt AC Recharging Adapter connected to the unit as the charger could become damaged.
5. Do not use any accessory that is not recommended or provided by the manufacturer. Never insert anything other than the supplied or recommended accessories into this unit's 12 Volt DC Recharging/Power Port.
6. Never operate the inflator after the battery indicator light comes on.
7. Although this unit contains a non-spillable battery, it is recommended that unit be kept upright during storage, use and recharging. To avoid possible damage that may shorten the unit's working life, protect it from direct sunlight, direct heat and/or moisture.
8. Check unit periodically for wear and tear. Contact the Customer Service Department at (866) 584-5504 to replace worn or defective parts.
9. Do not drop this unit as it may damage the product. If unit is dropped or damaged, please discontinue using it.
10. Never disassemble; take unit to a qualified service technician or call Vector Customer Service when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire and will void the warranty.
11. Always replace the fuse with the same type and amp rating. Never use a higher amperage fuse rating.
12. To reduce risk of damage to unit, pull by plug and not the cord when disconnecting.
13. Disconnect all charging cords and turn all ON/OFF switches to the OFF position before cleaning this unit.

THIS UNIT IS NOT FOR USE BY CHILDREN AND SHOULD ONLY BE OPERATED BY ADULTS.

Read This User's Manual Before Using This Unit.

SAVE THESE INSTRUCTIONS

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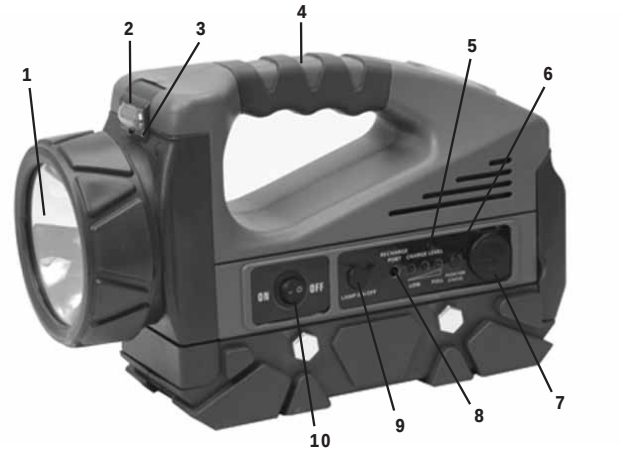
INTRODUCTION

Thank you for purchasing the ***VEC270SB Inflator/1,000,000 Power Series™ Spotlight.*** This system is an advanced high-pressure (up to 260 PSI) multi-use air inflator system, 1,000,000 power spotlight and 12 volt DC power source that will provide years of reliable service if maintained properly. Please read this guide carefully before use to ensure optimum performance and avoid damage to the unit.

FEATURES

- Built-in inflator/air compressor with pressure gauge, hose and adapters
- Built-in ultra bright 12 volt halogen spotlight
- Long-life auxiliary LED area light
- 12 volt DC accessory outlet
- Includes 120 volt AC and 12 volt DC adapters
- LED battery charge level indicators
- Includes a non-spillable, maintenance-free, heavy-duty, sealed battery
- Requires no maintenance (other than recharging) for optimum operation
- Rubberized base and easy-grip handle
- Protective rubber safety guard (bezel) around lens
- Tough, durable, molded, high-impact housing



1. 12 Volt Halogen 1,000,000 Power Series™ Spotlight
2. Auxiliary LED Area Light
3. Auxiliary LED Area Light Power Switch
4. Rubberized Easy-grip Handle
5. Battery Charge Level LED Indicators
6. Battery Charge Level Pushbutton
7. 12 Volt DC Accessory Outlet/Recharge Port
8. 120 Volt AC Recharge Adapter Barrel Connector Port
9. Spotlight Power Pushbutton
10. Inflator/Air Compressor Power Switch
11. Inflator Hose/Accessory Storage Compartment
12. Analog Dial Pressure Gauge
13. 20" Air Hose with Standard Tire Connector (Chuck)

AC AND DC CHARGING/RECHARGING

FULLY CHARGE THE UNIT USING THE 120 VOLT AC CHARGING METHOD FOR A FULL 14 TO 16 HOURS BEFORE FIRST USE.

For maximum battery life, we recommend the unit be kept fully charged at all times. If the battery is allowed to remain in a discharged state, battery life will be shortened.

- MAKE SURE ALL SWITCHES ARE TURNED OFF DURING RECHARGING.
- Recharge the unit fully after each use; and recharge the unit every two months when it has not been used regularly.
- If the unit is used for an extended period *after* the red LED indicator lights, recharging could take up to 20 hours and battery life may be shortened.

Notes: ***Recharging the battery after each use prolongs battery life; frequent discharges between recharges reduces battery life.***

If unit is fully discharged, it is recommended that the vehicle being used for recharging be left running while the unit is charged via the 12 volt DC method.

Viewing Battery Charge Level Status

Press the Battery Charge Level Pushbutton to display charge level status. The Battery Charge Level Indicator LEDs will light.

LEDs (from left to right):

- One Red LED indicates a low battery charge
- Two Red LEDs indicate a medium level or partially charged battery
- Two Red and one Green LEDs indicates a full or high level battery charge.

120 Volt AC Charging

1. Insert the supplied 120 Volt AC Recharging Adapter into the 120 Volt AC Recharge Adapter Barrel Connector Port located next to the Battery Charge Level LED Indicators.
2. Plug the adapter into a standard North American120 volt AC electrical outlet.
3. Charge until two Red and one Green LEDs light.
4. Once fully charged, disconnect the adapter.

Note: ***The unit cannot be overcharged using this method.***

12 Volt DC Charging

1. Insert the 12 Volt DC Recharging Adapter into the unit's 12 Volt DC Accessory/Recharge Port.
2. Insert the other end into the vehicle accessory outlet (or other 12 volt DC power source).
3. To check the charge level status of the battery during DC charging, disconnect the DC adapter from the accessory outlet and push the Battery Charge Level pushbutton. Observe the battery charge indicator.
4. When charging is complete, disconnect the adapter.

⚠ WARNING

Do not recharge for more than 5-6 hours maximum using the 12 volt DC method.

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USING THE SPOTLIGHT

The quartz halogen Spotlight is controlled by the Spotlight Power Pushbutton located on the side of the unit. Make sure the Spotlight is turned OFF when the unit is being recharged or stored.

USING THE AUXILIARY LED AREA LIGHT

The Auxiliary LED Area Light is controlled by the Auxiliary LED Area Light Power Switch located directly under the Area Light above the Spotlight. Make sure the Area Light is turned OFF when the unit is being recharged or stored.

USING THE UNIT AS A 12 VOLT DC PORTABLE POWER SUPPLY

This portable power source is also for use with all 12 volt DC accessories equipped with a male accessory outlet plug and are rated up to 15 amps.

1. Insert the 12 volt DC plug from the appliance into the unit's 12 Volt DC Accessory Outlet/Recharge Port. **DO NOT EXCEED A 15 AMP LOAD.**
2. Switch on the appliance and operate as usual.
3. Periodically press the battery charge level pushbutton to check battery status.

⚠ WARNING

Do not attempt to connect items exceeding the 15 amp, 12 volt rating. Using the Inflator and a 12 volt DC item may exceed 15 amps and cause damage to the unit, item, and/or accessories, and will void warranty. Therefore, it is strongly recommended not to use both the 12 Volt DC Accessory/Recharge Port and the Inflator at the same time.

Estimated 12 Volt DC Operation Time

Appliance	Estimated Power Usage (Watts)	Operating Time (hours)
Cell phone	1	20-120 (talk time)
Fluorescent light	4	10-30
Radio, fan, depth finder	9	1-14
Camcorder, VCR, spotlight	15	1-8
Power tools, bilge pump	24	1-5
Electric cooler	48	1-3
Car vacuum	80	0.5-1

***Note:** All times are approximate and based upon a fully charged unit.*

USING THE INFLATOR/AIR COMPRESSOR

The built-in 12 volt DC Inflator/Air Compressor is the ultimate inflator for all vehicle tires, trailer tires and sports inflatables. The attached hose with standard tire valve connector (chuck) and three different sized nozzles are located in the compartment in the rear of the unit.

Each nozzle clips on the end of the standard tire valve connector attached to the free end of the inflator/air compressor hose.

⚠ WARNING

The Inflator/Air Compressor is capable of inflating up to 260 pounds per square inch (PSI). To avoid overinflating, carefully follow instructions on articles to be inflated. Never exceed recommended pressures. Always check pressure with the pressure gauge. Never leave the Inflator/Air Compressor unattended while in use. Bursting articles can cause serious injury.

⚠ CAUTION

Do not operate the Inflator/Air Compressor continuously for extended periods of time (approx. 15 minutes, depending on the ambient temperature), as it may overheat. In such event, the Inflator/Air Compressor will shut down and can be restarted after a cooling period of approximately 15 minutes.

Inflating Products With a Valve Stem

1. Place the standard connector (chuck) of the hose on the valve stem.
2. Push connector toward the valve stem and close thumb latch.
   ***Note:** Make sure connector is pushed onto valve stem as far as possible before closing thumb latch.*
3. Slide the Inflator/Air Compressor Power Switch to ON.
4. Monitor the pressure gauge. When desired pressure is reached, slide the Inflator/Air Compressor Power Switch to OFF; open thumb latch and remove connector from valve stem.
5. Store the hose in the Inflator Hose/Accessory Storage Compartment when not in use.

Inflating Products Without a Valve Stem

Inflation of other items requires use of one of the adapters (nozzles).

1. Insert appropriate adapter (e.g. needle) into the connector (chuck) on the Air hose and close thumb latch.
2. Insert adapter (e.g. needle) into item to inflate.
3. Slide Inflator/Air Compressor Switch to COMPRESSOR.
4. Refer to the following table for approximate filling pressure and time. Small items such as volleyballs, footballs, etc. inflate very rapidly.
5. Monitor the pressure gauge. When desired pressure is reached, slide the Inflator/Air Compressor Power Switch to OFF; open thumb latch and remove connector from valve stem.
6. Remove adapter from item and store along with the hose in the Inflator Hose/Accessory Storage Compartment.

Typical Inflation Times

	Inflation pressure (psi)	Approx. Filling time
Vehicle and trailer tires		
155/80R 13"	26	2.5 min.
185/70R 14"	30	4.5 min.
235/75R 16"	30	6.5 min.
235/70R 17"	42	16 min.
Bicycle tires		
27" X 1" (racing)	70	2.3 min.
Sports Equipment		
Football	13	24 sec.
Basketball	10	20 sec.
Volleyball	5	6 sec.

⚠ WARNING

Always follow manufacturer's recommendations for pressure on item to be inflated.

CARE AND MAINTENANCE

Replacement Parts

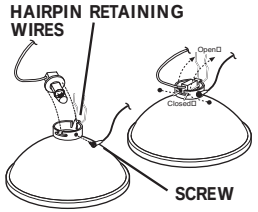
Contact Vector's Technical Support Department toll free at (866) 584-5504 or visit our website (www.vectormfg.com) for replacement parts (including replacement adapters and cords) and any additional information that you may need.

⚠ WARNING

To reduce the risk of shocks or burns and avoid damage to the unit, make sure all power switches are in the OFF position, all adapters are unplugged and the unit has been allowed to cool down before performing any maintenance/parts replacement.

Bulb Replacement

The quartz halogen bulb assembly is available through Vector (see contact information above). A comparable (12 volt H3 25 watt) bulb may be substituted. These can also be purchased from popular automotive parts suppliers nationwide. You will need a Phillips screwdriver to replace the bulb.



1. Remove the rubber bezel from the lens cover.
2. Unscrew (counterclockwise) and remove the two Phillips screws located on either side of the lens.
3. Carefully separate the lens guard, lens glass and rubber gasket from the reflector.
4. Gently lift the reflector and bulb assembly from the housing; note that the wires are still attached to assembly.
5. Unsnap the retaining wire from the reflector's flange by pinching the two ends together and lifting.
6. Loosen the Phillips-head retaining screw (no need to completely remove) to free the bulb assembly from the reflector.
7. Slightly turn and lift out the bulb assembly from the back of the reflector.
8. Disconnect the bulb assembly's white wire from the red power wire by separating the male spade terminal from the female terminal.
9. Insert the replacement bulb assembly into the reflector flange.
10. Reverse the proceeding procedure to reassemble the Spotlight.
11. Press the Spotlight's Power Pushbutton ON to test proper operation of spotlight.

Battery Replacement/Disposal

It is recommended that the unit be returned to Vector Customer Service for battery replacement.

Contains a maintenance-free, sealed, non-spillable, lead acid battery, which must be disposed of properly. Recycling is required, contact your local authority for information. Failure to comply with local, state and federal regulations can result in fines, or imprisonment. For more information on recycling this battery, call toll-free (877) 288-7722.

Fuse Replacement

The ***VEC270SB*** contains a 15 amp blade fuse located in the Inflator Hose/Accessory Storage Compartment. You will need small needle nose pliers to replace the fuse.

1. Open the Inflator Hose/Accessory Storage Compartment cover.
2. Grasp the blade fuse with the needle-nose pliers and pull straight out.
3. Replace the fuse with the same size and type.

SPECIFICATIONS

Battery Type(s):	Sealed, high density, AGM, lead-acid, rechargeable, maintenance-free, 6 volt DC, 4.5 Amp-hour
Spotlight:	H3 25 watt bulb
Accessory Outlet:	Protected by a 15 Amp Fuse
DC Charger/Adapter:	12 volt DC/DC
AC Charger/Adapter:	120 volt AC (500mA 12 volt DC Output)